

STATE OF IDAHO
Fish and Game Department

Joseph C. Greenley, Director

Quarterly Project Progress Report
CLEARWATER RIVER DEVELOPMENT OF
SPRING CHINOOK AND STEELHEAD STOCKS

Project No. 88272402

Contract No. 03-5-208-00025

Period Covered: October 1, to December 31, 1974

Columbia River Fisheries Development Program

January, 1975

Clearwater River Development of Spring Chinook and Steelhead Stocks

ABSTRACT:

Indian Creek incubation channel received approximately 2.2 million eyed chinook eggs during the quarter. No other channels were used this season.

REPORT OF PROGRESS:

Rapid River Hatchery had an excess 407,000 eyed chinook eggs which were picked up on October 1st and placed in Indian Creek incubation channel. These eggs were an unexpected bonus as there were not anticipated to be any above the needs of the hatchery.

The Washington Department of Fisheries were contacted for any available spring chinook eggs within their system. Through their cooperation we were able to obtain an additional 1.8 million eyed eggs from the State salmon hatchery on the Cowlitz River. Eggs were shipped from the hatchery by air and vehicle. About 1.3 million eggs were flown to Hamilton, Montana on the 8th of October and were transported by vehicle from there to Indian Creek incubation channel and placed in the gravel. Also, on the 8th the remaining 500,000 were transported by vehicle to Sweetwater Eyeing Station and placed in trays. These 500,000 were picked up on October 10th and placed in Indian Creek incubation channel to bring the total plant to approximately 2.2 million. A summary of egg plants is contained in Table 1.

Table 1. Eyed chinook egg plants at Indian Creek, 1974

Channel	Date	Number	Hatchery
Indian Creek	October 1	407,000	Rapid River
Indian Creek	October 8	1,300,000	Cowlitz Hatchery
Indian Creek	October 10	<u>500,000</u>	Cowlitz Hatchery
Total		2,207,000	

Not enough chinook eggs were anticipated to be available to justify cleaning and utilizing any of the South Fork Clearwater channels. They shall be used next fall, however, if there are any chinook eggs for the program.

Beaver activity was evident about the headgate and diversion structure at the channel. If it becomes feasible, an effort will be made to trap the animal.

Poultry netting was spread over most of the channel to reduce raccoon depredation. They appear to be on the increase again and may need trapping] next spring or summer.

The eggs from the Cowlitz Hatchery were partially hatched when inspected on November 13th and were totally hatched when inspected on November 24th. Subsequent inspections have shown the channel to be in excellent condition as of the end of the quarter.

Submitted by:

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